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**54 Title: Circuit for automatic power-up of high-frequency current in high-frequency coagulators**

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Testing application per § 28b PatG<sup>1</sup> has been submitted.

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<sup>1</sup> Translator's Note: PatG = Patentgesetz = German Patent Law

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Patent Claim 1:

Circuit for automatic power-up of high-frequency current in high-frequency coagulators,

characterized by

two supply lines (1, 2) of which the supply line (1) is connected to the potentiometer ( $P_1$ ) whose other connection receives a potential of 9V, of which the supply line (2) is connected to the base of the transistor ( $T_1$ ) via the resistance ( $R_2$ ). The resistance ( $R_3$ ) is connected from the supply line (2) to the null line of the voltage source. The base of the transistor ( $T_1$ ) is grounded via the capacitor ( $C_1$ ). The collector of the transistor ( $T_1$ ) is connected to +9V via the resistance ( $R_1$ ). The emitter of the transistor ( $T_1$ ) is grounded. The collector of the transistor ( $T_1$ ) is connected to the base of the transistor ( $T_2$ ) via the potentiometer ( $P_2$ ) and the resistance ( $R_4$ ). The collector connection of this transistor is connected via the relay ( $Re1$ ) and the diode ( $D_1$ ) (which are connected in parallel) back to the collector of the transistor ( $T_1$ ). The emitter of the transistor ( $T_2$ ) is connected to +9V. The connection point of the potentiometer ( $P_2$ ) and of the resistance ( $R_4$ ) is grounded via the capacitor ( $C_2$ ).